2006 USENIX/ACCURATE Electronic Voting Technology Workshop (EVT '06)

Sponsored by USENIX, The Advanced Computing Systems Association, and ACCURATE, A Center for Correct, Usable, Reliable, Auditable, and Transparent Elections

http://www.usenix.org/evt06

August 1, 2006   **Vancouver, B.C., Canada**

EVT '06 will be co-located with the 15th USENIX Security Symposium (Security '06), July 31–August 4, 2006.

Important Dates

Submissions due: *Monday, April 3, 2006, 11:59 p.m. PDT*
Notification of acceptance: *Friday, May 12, 2006*
Final papers due: *Wednesday, June 14, 2006*

Workshop Organizers

Program Co-Chairs

Dan S. Wallach, *Rice University*
Ronald L. Rivest, *Massachusetts Institute of Technology*

Program Committee

Josh Benaloh, *Microsoft Research*
Dan Boneh, *Stanford University*
Mike Byrne, *Rice University*
Doug Jones, *University of Iowa*
Sharon Laskowski, *National Institute of Standards and Technology*
Deirdre K. Mulligan, *University of California, Berkeley*
Ted Selker, *Massachusetts Institute of Technology*
Mike Shamos, *Carnegie Mellon University*
David Wagner, *University of California, Berkeley*

Overview

In the U.S. and many other countries, most votes are counted and transported electronically, but the practical and policy implications of introducing electronic machines into the voting process are emerging in this new area. Both voting technology and its regulations are very much in flux, with open concerns including reliability, robustness, security, and human factors. Other goals of the electoral process—transparency, equality, privacy, and accessibility—have yet to be defined at a level that would support the development of standards

or testing protocols. Furthermore, the nature of audits that voting systems should be subject to remains in question, as does the information that must be retained in order to allow for such audits.

The USENIX/ACCURATE Electronic Voting Technology (EVT) workshop seeks to bring together researchers from a variety of disciplines, ranging from computer science and human factors experts through political scientists, legal experts, election administrators, and voting equipment vendors. EVT seeks to publish original research on important problems, including how the software and hardware in voting might be engineered to be more robust against tampering or how it might be written to be more easily verified, and how these systems might be engineered to be more usable by the broad voting population. EVT also seeks discussion of how election regulations and standards may evolve to support better election technologies. Furthermore, EVT encourages position papers on the practicality (or impracticality) of the technological advances in electronic voting, particularly with the limited budgets available to many elections administrators. EVT will consider papers covering the gamut of technology as it is used in elections, ranging from voter registration and vote collection through tabulation and post-election auditing. We are interested in both future technologies and systems widely used today around the world.

EVT '06 will be a one-day event, Tuesday, August 1, 2006, co-located with the 15th USENIX Security Symposium in Vancouver, B.C., Canada. In addition to short paper presentations, we will have vibrant panel discussions with substantial time devoted to questions and answers. The proceedings of the workshop will be published electronically. Attendance at the workshop will be open to the public, although speakers and presentations will be by invitation only.

In particular, we would welcome papers considering:

- Design and analysis of electronic voting schemes and protocols
- Deployment and lifecycle concerns
- Mitigating threats (including insider threats)
- Usability and accessibility (both for voters and administrators)
- Legal issues, including how voting systems must comply with the ADA, HAVA, or the effect of intellectual property rights and non-disclosure agreements on voting system testing, certification, and deployment
- The technology standards process, and how it should evolve

Submission Instructions

All submissions must be in English and must include a title and the authors' names and affiliations. We will accept both short position papers (i.e., less than six [6] pages long) and longer conference-style submissions (up to a maximum of sixteen [16] pages). Please format papers with two columns, single-spaced, using no smaller than 11 point Times Roman type in a text block of 6.5" by 9".

Each submission should have a contact author who should provide full contact information (email, phone, fax, mailing address). One author of each accepted paper will be required to present the work at the workshop.

Authors are required to submit papers by 11:59 p.m. PDT, April 3, 2006. **This is a hard deadline; no extensions will be given.** All submissions to EVT '06 must be electronic, in PDF format, via a Web form, which is available on the EVT '06 Call for Papers Web site, http://www.usenix.org/evt06/cfp. Authors are encouraged to follow the U.S. National Science Foundation's guidelines for preparing PDF grant submissions:

- https://www.fastlane.nsf.gov/documents/pdf_create /pdfcreate_01.jsp

Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. In some cases, program committees may share information about submitted papers with other conference chairs and journal editors to ensure the integrity of papers under consideration. If a violation of these principles is found, sanctions may include, but are not limited to, barring the authors from submitting to or participating in USENIX conferences for a set period, contacting the authors' institutions, and publicizing the details of the case.

Authors uncertain whether their submission meets USENIX's guidelines should contact the program chair at evt06chairs@usenix.org or the USENIX office, submissionspolicy@usenix.org.

Accepted material may not be published in other conferences or journals for one year from the date of acceptance by USENIX. Papers accompanied by nondisclosure agreement forms will not be read or reviewed. All submissions will be held in confidence prior to publication of the technical program, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

Authors will be notified of acceptance decisions via email by May 12. If you do not receive notification by that date, contact the Program Chairs at evt06chairs @usenix.org.

Registration Materials

Complete program and registration information will be available in May 2006 on the conference Web site. The information will be in both HTML and a printable PDF file. If you would like to receive the latest USENIX conference information, please join our mailing list: http://www.usenix.org/about/mailing.html.